ROCCO

Active subwoofer

OWNER'S MANUAL

Release 1.0

February 2004

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Safety Instruction

In these safety instructions the word "unit" refers to the Verity Audio Rocco and all its accessories.

1. **Read Instructions** — All the safety and operating instructions should be read before the unit is operated;

2. **Retain Instructions** — The safety and operating instructions should be retained for future reference;

3. **Head Warnings** — All warnings on the unit and in the owner's manual should be followed;

4. **Follow Instructions** — All operating and maintenance instructions should be followed;

5. **Cleaning** — Unplug the unit and clean it with a damp cloth. Do not use a liquid or aerosol cleaner, or a magnetic/static cleaning device. The unit should be cleaned only as recommended in this manual;

6. **Accessories** — Do not use accessories unless recommended in this manual. Do not connect or play the unit before making sure that the associated accessories are in good condition;

7. **Placing or moving** — Do not place the unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall causing serious injury, and serious damage. A unit with cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the unit cart combination to overturn;

8. **Ventilation** — The unit control plate has openings for ventilation that protects it from overheating.
   a. Avoid obstructing these openings;
   b. Do not place the unit close to a radiator or heat register.

9. **Grounding** — The active module unit has a three-prong plug. Properly ground the unit by inserting the plug into a grounded electrical, three-socket outlet.

10. **Spikes** — The underneath unit spikes assure a tight coupling with the floor. They are razor-sharp and must be manipulated with extreme care. Do not move the product while the product spikes are installed. The product spikes should be removed before moving the product;

11. **Moving when Packed** — The unit comes packed in an air-transportation-approved flight case. This case is heavy and cannot be carried by a single person. Attempting to move it alone could cause serious injury;

12. **Packing and Unpacking Instructions** — The product should be packed/unpacked only as indicated on the packing/ unpacking instruction sheet;

13. **Object and Liquid Entry** — Do not expose the unit to liquid or moisture, or spill liquids on or near it. Do not place the unit on a wet surface. Never put objects of any kind into the unit's openings, as they may touch dangerous voltage points or cause short-circuits that could result in a fire or electric shock;

14. **Power source** — A label on the unit indicates the correct power source for this equipment. Operate the unit only from an electrical outlet that has the voltage and frequency indicated on the label. Do not overload electrical outlets or extension cords, as this can result in a risk of fire or electrical shock.

15. **Power cord and interconnects protection** — Arrange all connecting cables so that people cannot walk on the cables, or place object on or against the cables, as this may damage them. Pay particular attention to cords that are at plugs, at electrical outlets, connected to accessories, and at the place where the cords exit the unit.

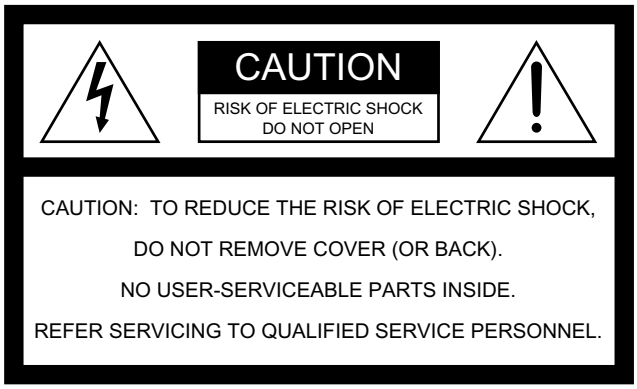
16. **Servicing** — This unit is covered by a one year warranty. Opening the unit will void your warranty. Refer all servicing to an authorized Verity Audio technician. Contact your nearest dealer for instructions. Service should be referred to an authorized Verity Audio technician when any of the following occurs:
   a. There is damage to the power cord or plug;
   b. Liquid enters the unit, or there is exposure to rain or water;
   c. A heavy object falls on the unit, or you dropped the unit or damaged the cabinet;
   d. Operation is not normal (the instructions in this guide describe the proper operation);
   e. The unit exhibits a distinct change in performance;

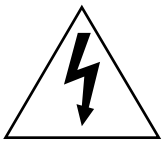
17. **Damage Requiring Service** — Turn off the power on the active module and unplug it from the main outlet. Then, disconnect all signal cables from the unit, and refer servicing to an authorized Verity Audio technician.

18. **Replacement Parts** — When replacement parts are required, be sure the service technician has used replacement parts that are specified by Verity Audio. Unauthorized substitution may result in fire, electric shock or other hazards;

19. **Safety Check** — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in safe operating order.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.





The lightning bolt flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Using this Manual

Please take the time to carefully read this instruction manual prior to installation or use of your Rocco. Your reading efforts will be rewarded by the satisfaction of getting a full performance achievement and a long service life. We believe that a thorough understanding of your new high performance subwoofer can save you a lot of anxiety.

This manual will guide you for setting up and operating your subwoofer and will teach you how to unpack, repack, clean and service your product. Furthermore, we have included a few informative sections for the benefit of your own Rocco familiarization.

We are pleased to count you among the most privilege owners of a unique product that will yield a very enjoyable experience for years to come.

Product Overview

Your new Rocco is a mature-engineered high-precision audio component. It is the cornerstone of a design association between worldwide audio professionals and acoustic engineers. It has been specifically designed to provide an awe-inspiring level of musical satisfaction in any domestic environment. The Rocco brings a substantial improvement to any audio or home theater system and gives its full potential when associated with the finest ancillary equipment.

The Rocco is an innovative design integrating proprietary components, state-of-the-art electronics and cabinet of exquisite finishing quality and rigid structure.

It combines two high-power and low-distortion 12-inch woofer drivers. Both are firmly secured in a vibration-cancellation system. They are powered with advanced digital amplification and processed with highly-linear active filtering circuitry. The amplifier can deliver up to 700 watts at minimal heat dissipation. The active circuit uses high-quality and high-reliability components and integrates advanced protection circuitry. All of that, grants the Rocco a capacity to reach high summits of 120 dB SPL of acoustic pressure at very low distortion.

The result is a high-resolution subwoofer that gives a great sense of liveliness, scale, and presence in the listening space. Your Rocco, without any doubt, will sound natural and powerful even throughout a seemingly unlimited dynamic range even at the lowest frequencies. It will give you hours of enjoyable performance without fatigue.

Features and Benefits

The Rocco's ability to reproduce low frequencies with a high degree of sound intelligibility comes from many useful features.

Force canceling system

Highly effective noise canceling system that reduces more than 30 dB the cabinet parasitic noise transmission and eliminates the pendulum effect which can create important output losses.

Effortless Neutrality

High-headroom and low-distortion transducers are used in a unique Bessel-ported cabinet, along with a high-power digital amplifier for high dynamics at low frequency reproduction.

Long-lived Reliability

High-performance protection circuitry along with high-reliability components allowing an extensive use for years to come.

Great flexibility

Ingenious crossover design for a high level of flexibility in all situations.

Exquisite Finishing

Splendid Italian finishing (top quality polyester) of sumptuous brilliance and impeccable coating that will last for years.

Compact Design

Accommodating size with no performance impairment that grants dazzling sound in any listening environment**.**

All these features synthesize Verity Audio's commitment for bringing the music foundation back to its essence: *Pure and exalted emotions*.

Description

The Rocco is a high-performance active subwoofer composed of two 12-inch high-power transducers configured in a bass-reflex cabinet. Both transducers are firmly attached together via a vibration canceling system. The active system is composed of a state-of-the-art high-power digital amplifier, and high-quality filter and processor. All that is packaged in a solid cabinet lacquered with exquisite Italian lacquer.

The vibration canceling system consists of four 5/8-inch damped-steel rods that firmly link both woofers together. The summation of the forces created by the acceleration and mass product of each individual woofer cone will be zeroed because of their opposite directions. This topology greatly reduces inner cabinet vibrations. It then stabilizes the complete cabinet and improves reference to ground. High-diameter and long-throw drivers usually create enough accelerating forces to rock the complete cabinet and create distortion and energy leakage.

The Rocco cabinet is tuned fourth-order Bessel. This unique topology enhances the bass performance with the room reinforcement characteristics. It offers a flat and linear frequency response down to the low 16 Hz. Due to its performing design, the Rocco does not need any active frequency equalization. It's a purist design capable of high dynamic impacts, very low distortion and high reliability.

The Rocco amplifier is based on modern digital amplification — providing a transparent and musical path to the original performance. It presents a naturally extended sound quality that transcends older amplifier technologies in both efficiency and sonic quality.

The combination of low output impedance and a massive multi-wave rectified power supply provides stable power under the most demanding and dynamic conditions.

Advanced overload management and circuitry protection eliminate system worries, allowing maximum performance on demand.

It is a fully balanced differential amplifier reducing low frequency power supply noise and increasing common mode rejection, to improve the signal-to-noise ratio.

Sophisticated dual-zone star grounding and a double-sided ground plane fill combined with ground bounce correction to maintain the quietest system reference possible.

The Rocco 500 VA transformer at maximum power is at the core of the power supply. Combined with amplifier technology that is 90% efficient, it provides a power supply that exceeds demand, maintaining a constant and cool temperature.

The Rocco amplification delivers a remarkable 700 watts of short-term continuous power to the two 12-inch woofers.

Also, nothing has been neglected in the active processing stages. The Rocco is equipped with high-quality RCA and XLR connectors, high precision controls, precise electronic components and a high-performance dynamic processor that give state-of-the-art protection. It makes the Rocco extremely reliable under the most demanding conditions.

The Rocco accepts RCA or balanced inputs. It can be true or inversed polarity. It offers lowpass slopes of 12 to 24 dB per octave. The lowpass frequencies can be selected from 30, 35, 40, 45, 50, 56, 63, 71, 80 Hz and 250 Hz when "Movie" is selected. The "Movie" position bypasses the lowpass filter. The amplitude level control can offer a +6dB gain to compensate for main speakers amplifier gain. "LFE" input is provided for home-theater applications. "Left" and "Right" inputs are provided for stereo applications. If both should be used together, they are down-mixed mono.

Connection

Setting-up typical subwoofer can be laborious. But the Rocco is designed to be easy to install. Before connecting and setting-up your Rocco, review the layout diagram located at the end of this manual. It will further guide you in properly connecting and configuring your Rocco subwoofer.

Turn off your Rocco subwoofer before making any signal connection!

TWO-CHANNEL SYSTEM

How to Connect One Rocco

1. Connect your preamplifier left output to the left subwoofer input;
2. Connect your preamplifier right output to the right subwoofer input;
3. Adjust the Rocco RCA/XLR control to the selected input.

Connecting the left and right channel to the same unit will down-mix the input left and right signals to mono.

How to Connect Two Roccos

1. Connect your preamplifier left output to your left subwoofer left input;
2. Connect your preamplifier right output to the right subwoofer right input;
3. Adjust the Roccos RCA/XLR control to the selected input.

MULTICHANNEL OR HOME-THEATER SYSTEMS

How to Connect One Rocco

1. Connect your preamplifier/processor LFE output to the LFE subwoofer input;
2. Adjust the Rocco RCA/XLR control to the selected input.

How to Connect Two Roccos

1. When two LFE outputs are available:
   a. Connect your preamplifier/processor left LFE output to your left subwoofer LFE input;
   b. Connect your preamplifier/processor right LFE output to your right subwoofer LFE input;
2. When only one LFE output is available, connect your preamplifier/processor LFE output to your two subwoofer LFE inputs;
3. Adjust the Roccos RCA/XLR control to the selected input.

CONFIGURING YOUR ROCCO SETTINGS

STEREO REPRODUCTION

How to Configure with Small or Large Loudspeakers

1. For large loudspeakers, adjust the crossover frequency to 35 Hz;
2. For small loudspeakers, adjust the crossover frequency to 50 Hz;
3. Adjust the phase selector to 0 degrees;
4. Adjust the crossover slope to 12 dB/oct;
5. Adjust the amplitude control to the twelve-o'clock position;
6. While playing music, adjust the volume control until you get a well-balanced ample and deep bass. Be very careful not to increase the bass level too much, as it will be very detrimental to the overall sound performance;
7. Play with the phase selector to get the best loudness. Readjust the volume control as needed;

Even though we normally recommend adjusting the crossover slope to 12dB/oct, you can still adjust the slope to 24dB/oct. You will have to experiment to find out which one is best suited for your loudspeakers. Larger loudspeakers may give better results with the crossover frequency adjusted lower than 35 Hz.

To better match your Rocco sensitivity with your main speaker sensitivity you will need a standard level meter and a white noise generator. Many audiophile record companies offer a test CD that includes a track with white noise reproduction. Play white noise and adjust for the same sensitivity at the listening position. Compare your two main speakers with all your Rocco(s). If you don't have any level meter, simply do it by ear.

Should you use your Rocco in a home-theater system, the above adjustments could be done by following the instructions included in your processor manual. Most processors come with an automatic level adjustment feature.

HOME-THEATER & MULTICHANNEL REPRODUCTION

How to Configure with Small or Large Loudspeakers

1. For large loudspeakers, setup the preamplifier/processor to large loudspeakers;
2. For small loudspeakers, setup the preamplifier/processor to small loudspeakers;
3. Adjust the crossover frequency to the "Movie" position;
4. Adjust the phase selector to 0 degrees;
5. Adjust the crossover slope to 24 dB/oct;
6. Adjust the amplitude control to the twelve-o'clock position;
7. Follow the instructions indicated in your preamplifier/processor user guide to complete your setup. You will have to calibrate your main, surround and subwoofer(s) for proper delays, levels and speaker-size within your preamplifier/processor setup;

AC Power Connection

The power cord should be firmly plugged to the Rocco power receptacle and plugged to an electrical outlet that has the specified voltage and frequency. The power switch located at the bottom left of the control module is wired to the AC main and commute the power going to the Rocco.

Your Rocco should be configured to comply with your country frequency and voltage. Should they be different, do not connect the Rocco and refer immediately to an authorized technician for service.

The frequency and voltage ratings are specified both on your packaging and near your Rocco electrical inlet.

Should you move to another country, ask an authorized technician for frequency and voltage compliance. Connecting to improper frequency or voltage may cause permanent damage or result in a risk of fire or electric shock.

⚠ ***The power cord should not be plugged or unplugged from the unit when associated accessories are still powered.***

Replacing the Fuse

Turn off your Rocco and unplug the power cord. Replace with a specified fuse as indicated on the Rocco control plate. For 220-240 VAC use 2.5 amperes, slow-blow and for 100-120 VAC use 5 amperes, slow-blow.

Break-in

Your Rocco requires approximately 75 hours of break-in time before reaching 63% of its full performance. 500 hours will be required to reach 99%.

Room Placement

A proper room installation of your Rocco subwoofer(s) may significantly enhance the overall performance of your system. Even though, some companies propose products that self-balance their frequency response, there is no replacement for proper room placement.

Your Rocco is equipped with two 12-inch drivers located on each side, and a control panel and vent located at the rear. Knowing that a subwoofer generally gives more output when located near a room corner and less output when moved closer to the room center, position your Rocco with the vent facing a room corner. Leave a minimum distance of 18 inches. None of

the 12-inch woofer drivers should be near a boundary. Stiff walls may allow closer proximity. Make sure the spikes are properly installed. For home-theater systems, complete your preamplifier/processors setup.

Once your system has been properly installed and adjusted, should the bass sound muddy or boomy, try to move the subwoofer twelve inches toward the room center. Readjust your setup and repeat until you get a good performance.

While keeping the same distance with the rear or front wall, you can also move the subwoofer step-by-step away from the side wall. It should change the bass tonal balance without lowering the bass strength.

Your Rocco subwoofer is a refine audio product that will highly benefit from the care and attention invested in the setup. We recommend starting with the above recommendations. The more familiar you will get with your Rocco and its integration with your system, the more you will develop the knowledge and skills to better optimize your system. Your efforts will be rewarded in creating an awe-inspiring performance.

Room Acoustics

A listening room should always be considered as an inherent and inclusive part of any performing sound system. It is a complex and high-order variable that has significant influence in the overall sonic performance. The acoustic behaving of a listening room is even more critical for low frequencies.

A room dimension sustains and reinforces a fundamental frequency or harmonics that correspond to wavelength multiples. Because of its length, width and height, a listening room will exhibit several modes related to multiple dimension combinations. It is a good practice to select room dimensions that scatters apart the room modes. As an example, a cubic room would create the worst conditions, as all dimensions are equal. Acoustically, the role of a room would be to neither cancel nor reinforce any frequency. However, most rooms will do it in some degree. The idea is to properly control your room by using different treatment tools.

The following definitions may be useful to identify some room acoustic behaving:

A ***flutter echo*** is a rapid (usually regular) succession of reflected pulses resulting from a single pulse. They can be easily identified by tapping your hands while walking in the room. They are frequently located at the ceiling corners or at the center of the ceiling-wall intersections.

The room ***reverberation*** is a tendency for room sound level to persist after direct sound ceases. The optimum reverberation time for a room depends upon room volume, sound frequency, and the type of sound or reproduced music.

Standing waves are reflections from opposing parallel surfaces resulting in serious peaks in the reverberation-time / frequency curve. In properly proportioned rooms, resonances can be effectively reduced and standing waves practically eliminated by introducing numerous sound treatment devices. The object is to prevent sound reflection back to the point of origin until after several reflections and/or after being considerably attenuated.

Early reflections are the first sound reflections heard at the listening position. They are usually intense and annoying. In order of importance, they usually come from the floor, the side walls and the ceiling. They can either be controlled by placing diffusors or absorbers at their image location.

If one of the above phenomenons is prominent, please consult your dealer to get proper assistance.

Multichannel

It has long been a practice for audio enthusiasts to connect a stereo system with a television to get a better sonic performance. From the late 70's to the early 80's two new home-movie formats became widely available: VCR and laserdisc. Meanwhile, TV sets got better definition and larger screens. By 1985, both formats were improved by the introduction of higher quality audio-video sources. But the real surround sound as found in large theaters was not yet available. The format density was not high enough to encode the surround information until the DVD format was released.

Lately, SACD and DVD-A formats were lunched to offer high-resolution stereo and multi-channel audio. A multi-channel system designed for high-resolution audio will be excellent for music as well as movies.

A surround sound system is dependant on complex room and acoustic parameters. We recommend that you consult your Verity Audio dealer to get proper recommendations and assistance. Verity Audio dealers were carefully selected to give you the best support.

Your Rocco subwoofer was designed to perfectly match with the Verity Audio Tamino loudspeaker line. You will also get outstanding results combining it with Fidelio and Parsifal. Each piece of a multi-channel system can be purchase separately. Take your time and buy quality components.

Following, is a brief nomenclature that outlines important points and specifications to be considered for each of the surround system loudspeakers.

Mains: The mains are the front left and right speakers. For home-theater, they mostly reproduce music and surround information. If you plan to use them also for stereo or multi-cannel music playback, they should be high-quality. A good practice is to use mains that go below 80Hz and reach 105 dB SPL.

Center: Experts agree that this the most important speaker in a home-theater system as, it reproduces the dialogues and most action information. The center should blend seamlessly with the main speakers in order to create a believable sound field. It should possess the same characteristics (frequency response, phase response and **dispersion**) as the main speakers.

Surrounds: The surrounds are the rear and side loudspeakers. They reproduce special effects or ambiance information. They are usually much less solicited than the mains and center. Because of that, custom installers will often install mini monitors or wall mounted speakers. Nevertheless, for best performance, it is strongly recommended to use all identical loudspeakers in a manner to get a homogeneous and coherent sound field. Surround speakers should be able to reproduce frequencies below 60 Hz. Verity Audio does not recommend "diffuse" surround speakers. They are good for movies, but inadequate for multi-channel music.

Subwoofer: Any good surround system needs a high quality subwoofer. It is the foundation for all movie soundtracks as well as for most multi-channel SACD or DVD-Audio.

Cabinet Resonance

Even though your new Rocco is capable of outputting a tremendous amount of energy, it runs dead quiet. Sounds like science fiction? Hardly. The Rocco is equipped with a complementary noise reduction system. It consists of four 5/8-inch steel rods that firmly attach the two 12-inch woofer drivers together. The mass-acceleration forces created by both drivers are equal and in opposite directions. The mechanical energy is then canceled. Even on the most demanding material you will hardly notice that your Rocco is working. But you will certainly ear strong, accurate and fast decay bass. Moreover, the Rocco cabinet was designed to shape any resonance well over its lowpass cutoff frequency. In other words, none of the Rocco subwoofer reproduced frequencies will be able to excite the enclosure cabinet. Your Rocco cabinet will stay quiet all the time, giving you an amazing sonic experience.

Care of the Finish

Your Rocco subwoofer is available in two standard finishes. High-gloss black piano and high-gloss silver finish. They are high-quality Italian finishes. They need little care and will last for a long time.

Unplug the unit and clean with a lint-free moistened cloth. Do not use a liquid or aerosol cleaner.

Use a cloth brush to dust the black velvet underneath the grilles or tempered glass. A piece of packing tape works also very well.

Maintenance

Verity Audio products are offering years of trouble-free performance. If for any reason, your speaker needs servicing, contact your authorized Verity Audio dealer or call the Verity Audio service department at ***(418) 682-9940*** or email us at ***support@verityaudio.com***. Help is available from Monday through Friday from 8:30 A.M. to 5:00 P.M. Eastern Standard Time (EST), except on holidays.

If you seem to have an operational problem, try to solve it by referring to the information in the *Troubleshooting* section of this manual. If you cannot quickly resume normal operation, contact an authorized Verity Audio technician.

Before contacting your authorized Verity Audio technician, make sure you have the following information in hand.

- Serial numbers;
- Place of purchase;
- Nature of the problem;
- Steps you have taken to solve the problem and the obtained results.

A return authorization number is required for servicing any of our products and it should be clearly identified on the packaging before any shipment to our facilities. ***Every unit shipped without return authorization number will be returned to sender.***

Attempting to repair the product by non-authorize technicians may void the warranty

Troubleshooting

This section describes how to solve common problems you may encounter when using your subwoofer. Many problems have simple solutions, so try these suggestions before you call your dealer or Verity Audio.

OPERATIONAL PROBLEMS

This section contains problems and solutions related to the operation of your hardware. Try the solutions in the order listed within each section.

I hear no sound coming out of the subwoofer

1. Make sure all your audio apparatuses are plugged into a power source and that they are turned on. Check that their respective power indicator indicates that the power is on;
2. Make sure the Rocco power switch is "on";
3. Make sure every interconnecting cable are connected properly and firmly;
4. Make sure your audio equipment selectors and controls are suitably adjusted (selector(s), volume control(s), mute switch(es), etc.);
5. Make sure the control level on your Rocco is not turned all the way down;
6. Make sure your software material (CD, LP, tape etc.) is properly installed and currently running;

The bass is muddy

1. Verify the placement. Try moving the subwoofer closer to the front wall and side wall. You can also try moving it closer to the middle of the front wall (about 1/3 of the width);
2. Make sure the spikes are properly installed underneath your subwoofer;
3. Make sure your amplitude level is not too high;
4. Make sure your processor setup has been properly executed;
5. If the problem persists, contact your dealer.

Hums or unusual sounds

1. Turn off your Rocco, unplug all signal inputs, then turn on your Rocco and increase the output level. If the problem disappears, the hum is originating from another piece of equipment;
2. If the problem persists, contact your dealer.

Customer Service

Verity Audio provides customer support and service for all Verity Audio products. If you have any questions regarding your new product, call the Verity Audio help desk at ***(418) 682-9940*** or email us at ***support@verityaudio.com***. Help is available Monday through Friday from 8:30 A.M. to 5:00 P.M. Eastern Standard Time (EST), except on holidays.

If you seem to have an operational problem, try to solve it by referring to the information in the *Troubleshooting* section. If you cannot quickly resume normal operation, contact your dealer or Verity Audio.

Specifications

Bandwidth	18 Hz to 100 Hz ± 3.0 dB
Crossover frequencies	30 • 35 • 40 • 50 • 56 • 63 • 71 • 90 • 250 Hz (Movie)
Woofer	12 inch • fiber-reinforced cone • rubber surround
Level Range (RCA inputs)	- infinite to + 6 dB
Level Range (XLR inputs)	- infinite to +12 dB
Maximum Output	120 dB SPL
Break in time	75 hours (63%) 400 hours (99%)
Electronic THD and noise	< 1 % THD at rated power
Damping factor	> 100 below 100 Hz
Inputs	XLR and RCA
Available power	700 watts
Idle Power Draw	65 watts
Amplification Gain	35 dB (RCA inputs) 41dB(XLR inputs)
Width	416 mm (16.4 in)
Depth	716 mm (28.2 in)
Height	559 mm (22.0 in)
Net Weight	64.5 kg (141 lbs.)
Gross Weight	77 kg (170 lbs.)
Standard Finish	Italian High-Gloss Black Piano
Optional Finish	Italian High-Gloss Makore High-Gloss Metallic Silver

Limited Warranty

The Verity Audio Rocco is covered by a limited warranty against defects in material and workmanship for a period of one year from the date of shipment to the authorized Verity Audio dealer.

The product shipped for services under this warranty shall be delivered by the owner to the factory with a return authorization number clearly written on the box. Products shipped without return authorization number will be returned to sender.

The included warranty registration card should be properly filled and returned to the factory within ten (10) days from the date of purchase.

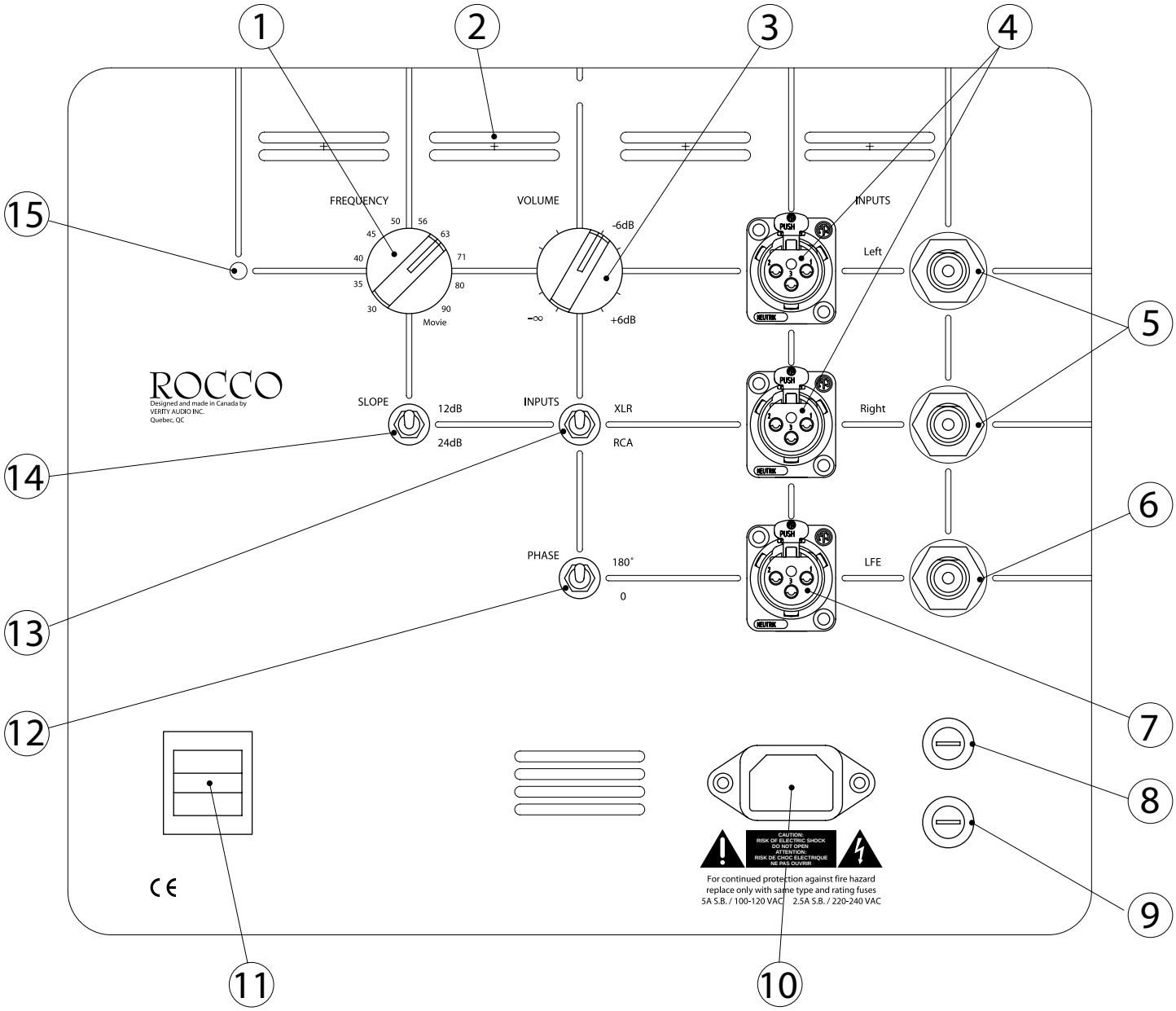
Damages resulting from negligence, misuse or accident, improper repair procedures or alterations, or operation that is contrary to the manufacturer's instructions are excluded from this warranty.

Verity Audio reserves the right to modify or change the equipment, all or in part, at any time, in order to include any refinements deemed appropriate by Verity Audio.

This warranty is expressly in lieu of all other warranties, expressed or implied and all other obligations or liabilities on the part of Verity Audio. No other person (s), including dealer, agent, representative are authorized to assume for Verity Audio any liability on its behalf or on its name except to refer purchasers to the present warranty.

Verity Audio liability to any purchaser shall be to replace any part of the product itself because of defective materials or workmanship, and Verity Audio shall not be liable for any consequential damage as a result of defects in material or workmanship.

Notes



1: Frequency Selector -Scaled from 30, 35, 40, 45, 50, 56, 63, 71, 80, 90 and 250 Hz (Movie)
2: Ventilation Holes - Air traps for ventilation - Do not obstruct
3: Volume Control - Adjust the output level here
4: XLR Right & Left Inputs - For stereo applications
5: RCA Right & Left Inputs - For stereo applications
6: RCA LFE Input - For home-theater or multichannel
7: XLR LFE Input - For home-theater or multichannel
8: Main Fuse Holder - Replace by 5A, Slow Blow at 100-120 VAC or 2.5A, Slow Blow at 210-240 VAC
9: Spare Fuse Holder - Store a spare fuse here - This is not in circuit.
10: AC plug inlet - Plug the power cord here
11: AC switch - Turn power on here
12: Slope Selector - Select the low-pass crossover slope here - 12dB/octave or 24dB/octave
13: RCA/XLR Selector - Select the input type here
14: Phase Selector - Select the phase polarity here
15: Power indicator - Blue LED that indicates if the Rocco is actually on.

VERITY AUDIO

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